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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Int. Application of  
Peter J. McGUINNESS et al.  
Serial No. 09/993,970

: Atty. Docket: 01-S-020  
: Group Art Unit: 2623  
: Confirmation No. 9016

Filed: November 16, 2001

For: SCALABLE ARCHITECTURE FOR CORRESPONDING  
MULTIPLE VIDEO STREAMS AT FRAME RATE

INFORMATION DISCLOSURE STATEMENT

RECEIVED

Assistant Commissioner for Patents  
Washington, D. C. 20231

MAR 29 2002

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SIR:

The attached Form PTO-1449 provides a listing of information which may be relevant to the subject application. This IDS is not intended as a representation that better art is not available, nor that the information provided is prior art.

This IDS is submitted under:

- ☒ 37 CFR 1.97(b) - No Fee.  
☐ 37 CFR 1.97(c) - No Fee, with Certification.  
☐ 37 CFR 1.97(c) - Fee.  
☐ 37 CFR 1.97(d) - Fee, Certification & Petition.

The Commissioner is authorized to charge any required fees under 37 CFR 1.17(p) and (i) (1) to Deposit Account No. 50-1556.

Respectfully submitted,

Date: 3/11/02

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Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office <b>List of Documents</b> Opened by Applicant (Use several sheets if necessary)	Atty. Docket: 01-S-020 Applicant: Peter J. McGUINNESS et al. Filing Date: November 16, 2001	Serial No. 09/993,970 Group: 2623
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<div><div>MAR 25 2002</div><div>U.S. PATENT &amp; TRADEMARK OFFICE</div></div> <div>U.S. PATENT DOCUMENTS</div>							
Ext In't	Document Number	Date	Name	Class	Sub-class	Filing Date, if applicable	

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-class	Trans'l'n Yes/No
	AA1	GB 2,272,285	May 11, 1994	UK			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AA2	R. Deriche et al., "Robust Recovery of the Epipolar Geometry for an Uncalibrated Stereo Rig", Proceedings of the European Conference on Computer Vision, pages 567-576, Stockholm, Sweden, May 1994, Springer-Verlag, SNCS 800.
	AA3	Z. Zhang et al., "A Robust Technique for Matching Two Uncalibrated Images Through the Recovery of the Unknown Epipolar Geometry", Artificial Intelligence Journal Vol. 78, pages 87-119, October 1995
	AA4	T. Kanade, "A Stereo Machine for Video-Rate Dense Depth Mapping and Its new Applications, School of Computer Science, Carnegie Mellon University, IEEE Conf. Computer Vision and Pattern Recognition, 1996.
	AA5	P.H.S. Torr et al., "Robust Parameterization and Computation of the Trifocal Tensor", Image and Vision Computing, 1997.
	AA6	M. Pollefeys et al., "Self-Calibration and Metric Reconstruction in spite of Varying and Unknown Internal Camera Parameters, IEEE International Conf. Computer Vision, 1998
	AA7	K. Ng, "3D Visual Modeling and Virtual View Synthesis: A Synergetic, Range-Space Stereo Approach Using Omni-Directional Images," Ph.D. Dissertation, University of California, San Diego, March 2000
	AA8	Kim C. Ng et al., "Range-Space Approach for Generalized Multiple Baseline Stereo and Direct Virtual View Synthesis", IEEE Workshop on Stereo and Multiple-Baseline Vision, December 9-10, 2001
	AA9	George Q. Chen, "Robust Point Feature Matching In Projective Space", IEEE Computer Vision and Pattern Recognition 2001.

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Examiner:	Date Considered:
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